



Vertical Autoclave

Triple Walled
ATI 106



ACMAS Technologies Inc.

CE An ISO 9001:2000 Company

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Introduction :

OBROMAX is a name of quality and quick service, an asset to Hospitals, Pharmaceutical, Tissue culture, Bio-fertilizer Laboratories and research institutes with modest sterilizing needs, where contaminated objects require sterilization. Since last 25 years OBROMAX have made its primary objectives to help fight the spread of infections, caused by pathogenic micro-organisms. We represent most innovative and advanced technologies in our products supported by our most efficient customer support network.

Construction :

Triple walled construction, all the three walls are made of thick high grade stainless steel sheet of SS-304 grade. The lid is made of stainless steel sheet. The unit is fitted with radial locking system with paddle lifting device, made of MS chrome plated. Provided with built-in safety valve, pressure gauge, pressure release valve and water level indicator. The pressure is adjustable from 5 psi to 20 psi with automatic pressure control switch, which controls the pressure with an accuracy of +/- 1 psi. Supplied complete with stainless steel basket, chord and plug.

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Mode of Heating :

Electrically heated by special flange type/immersion type heaters bearing ISI mark, to work on 220 volts single phase 50 cycles.

Working Pressure:

The pressure inside the chamber is variable from 5 psi. to 20 psi. But the normal recommended pressure for sterilization process is 1.2 kgf/cm sq.g (15 psi - 17 psi)

Working Temperature : 121° C

Hydrotest Pressure : 2.5 kgf/cm sq.g (35 psi)

Standard Controls :

- Double safety radial locking arrangement.
- Stainless steel steam release valve.
- Spring loaded safety valve of stainless steel (grade SS-304)
- Water inlet and water valves.
- Water level indicating gauge glass with stainless steel guard.
- Pressure guage.
- Electrical control box, fitted with toggle switch, indicating Neon • lamps and steam release valve.

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- Foot paddle lifting device.

Optional Accessories :

Automatic Pressure Control Switch (Pressure control switch - INDOSS PIEZOSTAT) - This semi-automatic device controls the pressure inside the chamber mechanically and cuts-off the current from the heating elements, when the desired/ set pressure value level is attained inside the chamber and restarts the mechanism once the pressure inside the chamber falls from the desired level.

Automatic Water Cut-off Device - This device is a safety device which protects the heaters from running dry. This device ensures that the machine is automatically switched off in case the desired water level falls below the prescribed level.

Temperature Indicator (Dial Type) - This device indicates the temperature inside the chamber.

Mechanical Timer with Alarm System - This is a semi-automatic device which is initiated once the pressure level inside the chamber reaches the desired value, it regulates the sterilization time of the media to be sterilized and when the desired time is passed, it activates the buzzer, which indicates that the sterilization cycle is complete and media can be extracted.

Working Chamber:		
DIA (MM)	X	Depth (MM)
300 mm	X	500 mm
350 mm	X	550 mm
450 mm	X	600 mm
550 mm	X	750 mm